REMARKS

The above amendment and these remarks responsive to the Office Action of Examiner Mareisha N. Winters, dated 9 July 2003.

Claims 1-19 are in the case, none as yet allowed.

35 U.S.C. 103

Claims 1-19 have been rejected under 35 U.S.C. 103(a) over U.S. Patent 6,473,800 (Jerger) in view of U.S. Patent 5,974,549 (Golan).

Jerger describes an ActiveX construct.

Golan describes running sandboxed code side-by-side (e.g., applets) where the end-user can define the level of execution allowed (e.g. the applet is allowed to write files or not).

LOT920000011US1   12   S/N 09/596,745

Applicants assert that it is not an obvious construct to add the Golan concept to Jerger's ActiveX teachings to reach the claims in the present application. Applicants' claims differ in at least the following:

1. In applicants' invention, the administrator, not the end user, determines what the sandboxed code gets to do. Applicants' claimed trust model inherently is about the end user deciding to trust the administrator (that is, server), not the code-author (as is the case with Golan and Jerger) to determine the rights-level of the code executing on the client machine.

2. In applicants' invention, the administrator can subsequently turn up/down the rights level of the code. Basically, applicants' model is a security partitioning for "grid-style" processing (a term which has been added to the art subsequent to applicants' filing, but refers to the concept applicants claim). In such "grid-style" processing, a secured portion of the end-user's machine is "borrowed" to run whatever the website, or server, administrator wants to run. The essential difference shows up in the administrator control at the server, which is not at all taught by Golan or Jerger.

LOT920000011US1   13   S/N 09/596,745

In applicants invention, the user determines if the
site (server, administrator) is to be trusted, and if
trusted, the administrator, or server, controls what is to
be loaded to and executed at the client. See applicants'
specification, page 4, lines 6-19; page 103, line 12 to page
105, line 8.

On this point of having a trusted server control
download, the Examiner states:

> "said server site responsive to said user accepting
> said server site as trusted for centrally administering
> security policies for said services and programs
> (column 7, lines 1-9)."   (Office Action, page 3, lines
> 17-18.)

However, Golan says:

> "The secure monitor DLL, however, constructs a secure
> sandbox that monitors all the APIs that can be used to
> breach secuirty, e.g., file and disck access, system
> modifications, network connections, etc. whenever such
> an API is called directly or indirectly by the
> downloadable software component, the secure monitor DLL
> determines whether a security breach is being
> attempted. This determination is based on the API
> called, the parameters passed to it and a user
> configurable security policy."   (Golan, Col.7, lines 1-
> 9).

The operation of Golan is described in the Abstract, which
states:

LOT920000011US1   14   S/N 09/596,745

"The present invention is a method of creating a secure
sandbox within which a plurality of downloaded software
components can execute in a secure manner... The
invention implements a security monitor that is
injected to the address space of an arbitrary monitored
application such as a Web browser... The monitored
application then executes in a secure mode in which
every software component downloaded executes in a
secure sandbox. The security monitor detects when such
a software component is downloaded and is operative to
create the sandbox around it before it is permitted to
execute. If the software component attempts to commit
an action that breaches security, it halts the software
component's execution and issues a warning to the
user." (Golan, Abstract.)

Applicants have amended each of the independent claims to

make clear that the administrator (server), once accepted as

trusted by the client, controls what services are executed

at the client.

Applicants request that the amendments to the claims be

entered, and claims 1-19 be allowed.

LOT920000011US1   15   S/N 09/596,745

SUMMARY AND CONCLUSION

Applicants urge that the above amendments be entered and the case passed to issue with claims 1-19.

If, in the opinion of the Examiner, a telephone conversation with applicant(s) attorney could possibly facilitate prosecution of the case, he may be reached at the number noted below.

Sincerely,

Carl J. Kraenzel, et al.

By

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LOT920000011US1   16   S/N 09/596,745